

DEVICE FOR ACTIVE-SENSOR SCANNING OF A MAGNETIZED TIRE
WITH ENCODER

ABSTRACT OF THE DISCLOSURE

The invention relates to a sidewall torsion sensor operatively coupled to a sidewall of a vehicle tire to determine the flexation thereof. In order to provide a concept equally suitable for different sensor types, in which modular sensor units are formed and whose basic system is suitable for all sensors, a first housing for the accommodation of at least one converter element (and no signal processing unit), and a second housing for the accommodation of a signal processing unit (and no converter element). A 4-pole connection is provided between the first and second housing, and an output port is provided from the second housing for a control device.

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